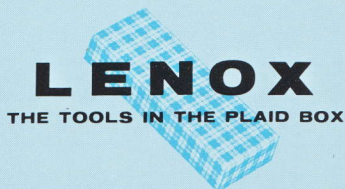
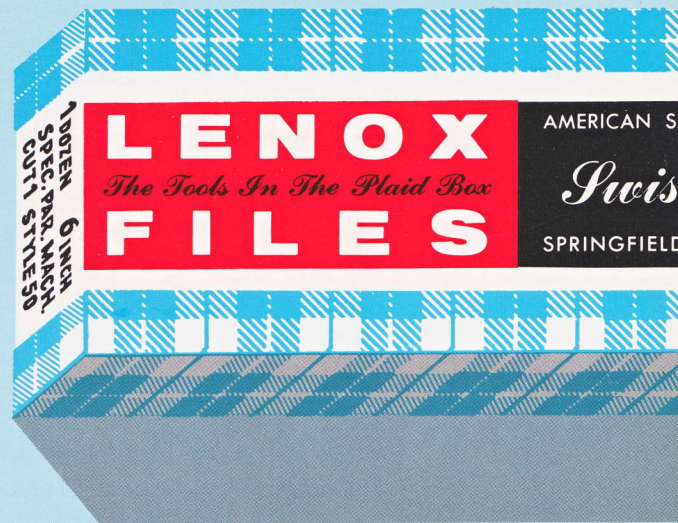


# LENOX

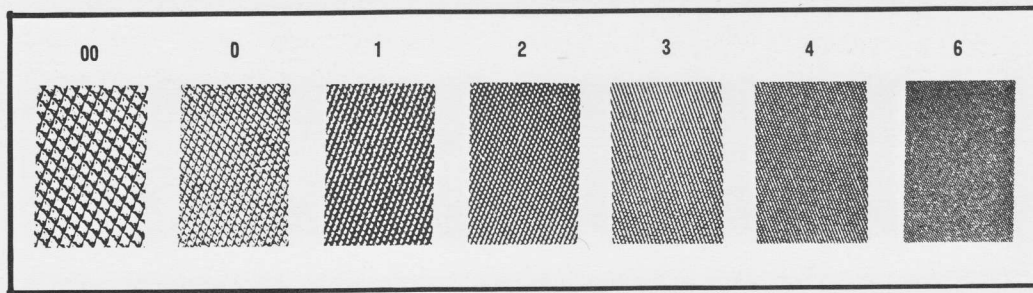
## SWISS PATTERN FILES



**AMERICAN SAW & MFG. COMPANY**  
SPRINGFIELD 1, MASSACHUSETTS



## ACTUAL COARSENESS OF SWISS PATTERN FILES



Swiss Pattern files are used where precision filing is required. They are used as finishing tools and in smoothing operations where the work is small and delicate.

Swiss Pattern files have different shapes than the American Pattern. Some cross sections of both types are similar. Swiss Pattern files are smaller and the files that taper have longer tapers.

Be sure to specify length, kind, shape, and cut on your order.

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## BARRETTE FILES



Barrette Files are flat on one side. The backs are beveled on the edges as indicated by the cross section. The included angle being 33 degrees. (The beveled back of the 3-inch length, however, is ground to a point). The wide flat sides are double cut. Back and beveled edges are "safe" or uncut.

Length Inches	Approx. Size Inches	Cut Nos.						Number in Box
3	$\frac{3}{8}$	00	0	1	2	4		1 doz.
4	$\frac{1}{2}$	00	0	1	2	4		1 doz.
6	$1\frac{1}{16}$	00	0	1	2	4		1 doz.
8	$\frac{7}{8}$	00	0	—	2	4		1 doz.

## CROCHET FILES



Crochet Files are flat with two well-rounded edges. They taper in both width and thickness. Double cut on flat sides and both edges.

Length Inches	Approx. Size Inches	Cut Nos.						Number in Box
3	$1\frac{7}{64} \times \frac{5}{64}$	00	0	—	2	—		1 doz.
4	$\frac{3}{8} \times \frac{3}{32}$	00	0	—	2	4		1 doz.
6	$\frac{31}{64} \times \frac{1}{8}$	00	0	1	2	4		1 doz.
8	$1\frac{1}{16} \times \frac{5}{32}$	00	0	1	2	—		1 doz.
10	$1\frac{3}{16} \times \frac{3}{16}$	00	0	—	2	—		1 doz.

## CROSSING FILES



Crossing Files are made of double circular section, one side having the same radius as the Half Round File; the other side having a flatter curve or larger radius. Crossing Files taper to a point in both width and thickness. Double cut on both sides.

Length Inches	Approx. Size Inches	Cut Nos.						Number in Box
3	$1\frac{7}{64} \times \frac{7}{64}$	00	0	—	2	—	4	1 doz.
4	$\frac{7}{16} \times \frac{1}{8}$	00	0	1	2	—	4	1 doz.
6	$\frac{5}{8} \times \frac{3}{16}$	00	0	1	2	3	4	1 doz.
8	$1\frac{3}{64} \times \frac{1}{4}$	00	0	1	2	—	4	$\frac{1}{2}$ doz.
10	$\frac{31}{32} \times \frac{5}{32}$	—	0	—	2	—	—	$\frac{1}{2}$ doz.

## EQUALING FILES



Equaling Files are parallel in both width and thickness for their entire length. Double cut on the two sides and single cut on both edges.

Equaling Files may also be obtained in the following B & S gauges and in Cut Nos. as shown below.

4" — 16 B & S gauge (.051") 0, 2, 4.  
 4" — 18 B & S gauge (.040") 0, 2, 4.  
 4" — 20 B & S gauge (.032") 0, 2, 4.  
 6" — 12 B & S gauge (.081") 0, 2, 4.  
 6" — 14 B & S gauge (.064") 0, 2, 4.  
 8" — 10 B & S gauge (.102") 0, 2, 4.

Length Inches	Approx. Size Inches	Cut Nos.						Number in Box
3	$\frac{5}{16} \times \frac{1}{16}$	00	0	2	4			1 doz.
4	$1\frac{3}{32} \times \frac{5}{64}$	00	0	2	4			1 doz.
6	$1\frac{9}{32} \times \frac{7}{64}$	00	0	2	4			1 doz.
8	$\frac{3}{4} \times \frac{7}{64}$	00	0	2	4			$\frac{1}{2}$ doz.

## HALF ROUND FILES



Half Round Files taper in thickness and width to a point. Double cut on both flat and half round sides.

Length Inches	Approx. Size Inches	Cut Nos.						Number in Box
3	$\frac{9}{32} \times \frac{3}{32}$	00	0	1	2	3	4	1 doz.
4	$\frac{3}{8} \times \frac{7}{64}$	00	0	1	2	3	4	1 doz.
5	$\frac{7}{16} \times \frac{7}{64}$	00	0	1	2	3	4	1 doz.
6	$1\frac{7}{32} \times \frac{7}{64}$	00	0	1	2	3	4	1 doz.
8	$\frac{45}{64} \times \frac{3}{16}$	00	0	1	2	3	4	$\frac{1}{2}$ doz.
10	$1\frac{5}{16} \times 1\frac{1}{64}$	00	0	1	2	3	4	$\frac{1}{2}$ doz.
12	$1\frac{7}{64} \times 2\frac{1}{64}$	00	0	—	2	—	—	$\frac{1}{2}$ doz.

## HALF ROUND RING FILES



For use by jewelers, particularly ring manufacturers. The Half Round Ring File is narrower for its length than the 6". Swiss Pattern Half Round File.

Length Inches	Approx. Size Inches	Cut Nos.						Number in Box
6	$2\frac{3}{64} \times \frac{1}{8}$	00	0	1	2	4		1 doz.



## HAND FILES



Hand Files are parallel in width but taper in thickness. The sides are double cut. Hand Files in cuts Nos. 00, 0, 1 and 2 are single cut on one edge. The other edge is safe. Hand Files in cuts Nos. 3, 4 and 6 have two safe edges.

Length Inches	Approx. Size Inches	Cut Nos.	Number in Box
3	$\frac{7}{16} \times \frac{5}{64}$	— 0 — 2 — 4 —	1 doz.
4	$1\frac{1}{32} \times \frac{7}{64}$	00 0 1 2 3 4 —	1 doz.
6	$2\frac{3}{32} \times \frac{5}{32}$	00 0 1 2 3 4 6	1 doz.
8	$2\frac{9}{32} \times \frac{3}{16}$	00 0 1 2 3 4 6	$\frac{1}{2}$ doz.
10	$1\frac{1}{16} \times 1\frac{13}{64}$	00 0 1 2 — 4 —	$\frac{1}{2}$ doz.
12	$1\frac{3}{32} \times \frac{1}{4}$	00 0 — 2 — 4 —	$\frac{1}{2}$ doz.

## HAND CORRUGATING FILES



Hand Corrugating Files are made for corrugating the edges of Barbers' Shears and other edged tools. Made of rectangular section and double cut. They are designed to corrugate the blade when stroked straight across or, in other words, at right angles to the blade.

Length Inches	Approx. Size Inches	Cut Nos.	Number in Box
6	$2\frac{3}{32} \times \frac{5}{32}$	0 2 4	12

## JOINT FILE — ROUND EDGE THICK



## JOINT FILE — SQUARE EDGE THIN



Joint Files are parallel in width and thickness and are made with round or square edges, thick or thin. Double cut on edges only. Sides are safe.

	Length Inches	Cut Nos.	Approx. Size Inches	Number in Box
Thick.....	4	2	$1\frac{3}{32} \times \frac{5}{64}$	1 doz.
Thin.....	4	2	$1\frac{3}{32} \times \frac{3}{64}$	1 doz.

## KNIFE FILES



Knife Files are made from steel that is knife shaped, the included angle of the sharp edge being approximately 10°. These files taper in width and thickness. Double cut on both sides and single cut on the edges.

Length Inches	Approx. Size Inches	Cut Nos.	Number in Box
4	$3\frac{1}{64}$	00 0 1 2 4	1 doz.
6	$2\frac{1}{32}$	00 0 1 2 4	1 doz.
8	$2\frac{7}{32}$	00 0 1 2 4	1 doz.

## PILLAR FILES



Pillar Files are similar in shape to Hand Files but only two-thirds as wide. Double cut on two sides only. Edges are safe.

Length Inches	Approx. Size Inches	Cut Nos.	Number in Box
3	$1\frac{9}{64} \times \frac{5}{64}$	00 0 — 2 3 4 —	1 doz.
4	$2\frac{3}{64} \times \frac{7}{64}$	00 0 1 2 3 4 6	1 doz.
6	$\frac{1}{2} \times \frac{9}{64}$	00 0 1 2 3 4 —	1 doz.
8	$3\frac{9}{64} \times 1\frac{13}{64}$	00 0 1 2 3 4 —	$\frac{1}{2}$ doz.
10	$4\frac{7}{64} \times 1\frac{13}{64}$	00 0 1 2 — 4 —	$\frac{1}{2}$ doz.
12	$1\frac{3}{16} \times 1\frac{9}{64}$	00 0 1 2 — — —	$\frac{1}{2}$ doz.

## PILLAR NARROW FILES



Pillar Narrow Files are similar to Pillar Files but are narrower for their length. Double cut on two sides only. Edges are safe.

Length Inches	Approx. Size Inches	Cut Nos.	Number in Box
3	$\frac{7}{32} \times \frac{5}{64}$	— 0 1 2 — 4 6	1 doz.
4	$\frac{9}{32} \times \frac{7}{64}$	00 0 1 2 3 4 6	1 doz.
6	$2\frac{3}{64} \times \frac{9}{64}$	00 0 1 2 3 4 6	1 doz.
8	$2\frac{9}{64} \times 1\frac{13}{64}$	00 0 1 2 3 4 —	$\frac{1}{2}$ doz.
10	$\frac{9}{16} \times \frac{1}{4}$	00 0 1 2 — 4 —	$\frac{1}{2}$ doz.
12	$\frac{5}{8} \times \frac{5}{16}$	00 0 — 2 — — —	$\frac{1}{2}$ doz.

AMERICAN SAW & MFG. COMPANY

SPRINGFIELD 1, MASSACHUSETTS, U. S. A.

LENOX

THE TOOLS IN THE PLAID BOX



# PILLAR EXTRA NARROW FILES



Pillar Extra Narrow Files are similar to Pillar and Pillar Narrow Files but are narrower for their length. Cut on the two sides only. Edges are safe.

## SPECIAL PILLAR FILES

In addition to the regular widths, Pillar Extra Narrow Files are furnished in the following sizes at 10% increase over regular prices:

### PILLAR EXTRA NARROW FILES

6" x 1/8 x 3/64", in Cut Nos. 00, 0, 2, 3, 4 and 6.  
6" x 3/16 x 7/64", in Cut Nos. 00, 0, 2, 3, and 4.

Length Inches	Approx. Size Inches	Cut Nos.	Number in Box
3	3/64 x 3/32	00 0 1 2 3 4 6	1 doz.
4	11/64 x 7/64	00 0 1 2 3 4 6	1 doz.
6	1/4 x 9/64	00 0 1 2 3 4 6	1 doz.
8	3/16 x 13/64	00 0 1 2 3 4 —	1 doz.
10	3/8 x 15/64	00 0 1 2 — 4 —	1 doz.
12	7/16 x 1/4	00 0 — 2 — — —	1 doz.

# PILLAR AND PILLAR NARROW TESTING FILES



These Testing Files are like our regular product in shape only. They are not made for removal of stock, but for testing only, having specially shaped teeth, and special treatment.

	Length Inches	Cut Nos.	Number in Box
Pillar Testing File	6	0 1	1 doz.
Pillar Narrow Testing File	8	0 1	1/2 doz.

# PIPPIN FILES



Pippin Files, sometimes called "Apple Seed" Files, have rounded backs which taper to a sharp edge. They also taper to a point in both width and thickness.

Length Inches	Approx. Size Inches	Cut Nos.	Number in Box
4	3/32 x 1/8	00 0 2	1 doz.
6	13/32 x 3/32	00 0 2	1 doz.
8	1/2 x 7/32	00 0 2	1 doz.

# ROUND FILES



Round Files taper throughout their length to a fine point. Double cut.

Length Inches	Approx. Size Inches	Cut Nos.	Number in Box
3	3/32	00 0 1 2 3 4 6	1 doz.
4	1/8	00 0 1 2 3 4 6	1 doz.
5	3/32	00 0 1 2 3 4 —	1 doz.
6	3/16	00 0 1 2 3 4 6	1 doz.
8	1/4	00 0 1 2 3 4 —	1 doz.
10	21/64	00 0 1 2 — 4 —	1 doz.
12	27/64	00 0 — 2 — — —	1 doz.

# ROUND STRAIGHT FILES



Round Straight Files are made from the same sizes of steel as Round Files but are parallel throughout their length. Double Cut. The diameters given are regular, and are furnished unless the customer specifies otherwise. Round Straight Files are also furnished in the following diameters.

4"	6"	8"
1/16"	1/8"	5/16"
3/32"	5/32"	3/8"

Length Inches	Approx. Size Inches	Cut Nos.	Number in Box
4	1/8	00 0 2 4	1 doz.
6	3/16	00 0 2 4	1 doz.
8	1/4	00 0 2 4	1 doz.

# SLITTING FILES



Slitting Files are made of double angular section, the included angle between the sides being approximately 18°. Double cut on the four sides and single cut on the two sharp edges.

Length Inches	Approx. Size Inches	Cut Nos.	Number in Box
4	7/16	0 2	1 doz.
6	3/8	0 2	1 doz.



### SQUARE FILES



Square Files are square in section and taper on all four sides to a fine point. Double cut on all four sides. One safe side when so ordered.

Length Inches	Approx. Size Inches	Cut Nos.						Number in Box
3	1/16	—	0	—	2	3	4	1 doz.
4	7/64	00	0	1	2	3	4	1 doz.
6	3/32	00	0	1	2	3	4	1 doz.
8	1 1/4	00	0	1	2	—	4	1 doz.
10	2 1/64	00	0	—	2	—	4	1 doz.

### THREE SQUARE FILES



Three Square Files are triangular in section with angles of 60° They taper to a point and have sharp corners. Double cut on the three sides and single cut on the edges.

Length Inches	Approx. Size Inches	Cut Nos.						Number in Box
3	3/32	—	0	1	2	—	4	1 doz.
4	1 1/64	00	0	1	2	3	4	1 doz.
6	1 1/32	00	0	1	2	3	4	1 doz.
8	1 1/32	00	0	1	2	—	4	1/2 doz.
10	1 1/32	00	0	—	2	—	4	1/2 doz.

### WARDING FILES



Warding Files are rectangular in section with thickness approximately one-eighth their width. They taper slightly in thickness and to a point in width.

Length Inches	Approx. Size Inches	Cut Nos.						Number in Box
3	1 3/32 x 1/32	00	0	2	4	—	—	1 doz.
4	7/16 x 3/64	00	0	2	4	—	—	1 doz.
6	1 9/32 x 5/64	00	0	2	4	—	—	1 doz.
8	2 5/32 x 3/32	00	0	2	4	—	—	1 doz.
10	1 1/16 x 7/64	00	0	2	—	—	—	1 doz.

Warding Files may also be obtained in the following B & S gauges, and in the cut Nos. shown below.

- 3" — 18 B&S gauge (.040") in 0 only
- 3" — 20 B&S gauge (.032") in 0 only
- 3" — 22 B&S gauge (.025") in 0 only
- 4" — 16 B&S gauge (.051") in 0, 2, 4
- 4" — 18 B&S gauge (.040") in 0, 2, 4
- 4" — 20 B&S gauge (.032") in 0, 2, 4
- 6" — 11 B&S gauge (.091") in 0, 2, 4
- 6" — 13 B&S gauge (.072") in 0, 2, 4
- 6" — 14 B&S gauge (.064") in 0, 2, 4
- 6" — 16 B&S gauge (.051") in 0, 2, 4
- 6" — 18 B&S gauge (.040") in 0, 2, 4
- 6" — 20 B&S gauge (.032") in 0, 2, 4

### 3/4" BENCH FILING MACHINE FILES

#### 1/4" ROUND SHANK

	Round
	Half Round
	Pillar (2 Safe Edges)
	Oval
	Knife
	Square
	Three Square
	Crochet
	Equaling
	Pippin
	Lozenge
	Cant

#### 1/8" ROUND SHANK

	Round
	Half Round
	Pillar (2 Safe Edges)
	Oval
	Knife
	Square
	Three Square
	Crochet
	Equaling
	Pippin
	Lozenge
	Cant

Bench Filing Machine Files are designed for use in machines for filing dies and patterns. Direction of cutting stroke is towards the shank. They are 3 1/4 inches over-all and have 1/8-inch or 1/4-inch round shanks. Made in twelve different shapes as illustrated.

Shape	Approx. Size, Inches	
	1/4" Round Shank	1/8" Round Shank
Round.....	1/4	9/64
Half Round.....	1/4 x 1 1/64	13/64 x 3/32
Pillar.....	7/32 x 1/8	13/64 x 5/64
Oval.....	5/16 x 5/32	3/16 x 7/64
Knife.....	1/4 x 1/8	13/64 x 3/32
Square.....	3/16	7/64
Three Square.....	7/32	5/32
Crochet.....	1/4 x 1/8	13/64 x 5/64
Equaling.....	7/32 x 1/8	13/64 x 5/64
Pippin.....	1 1/64 x 5/32	7/32 x 7/64
Lozenge.....	13/64 x 9/64	7/32 x 7/64
Cant.....	13/64 x 7/64	17/64 x 3/32

Packed one dozen in box.

Cuts 00 and 2

AMERICAN SAW & MFG. COMPANY

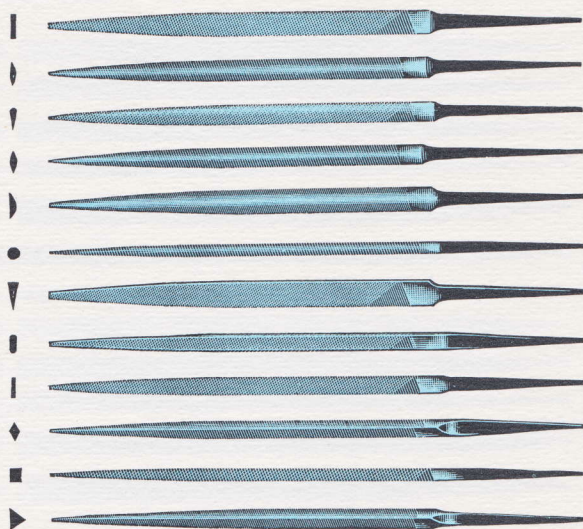
SPRINGFIELD 1, MASSACHUSETTS, U. S. A.





### 3½" DIE SINKERS FILES

Made in Cuts Nos. 0 and 2.



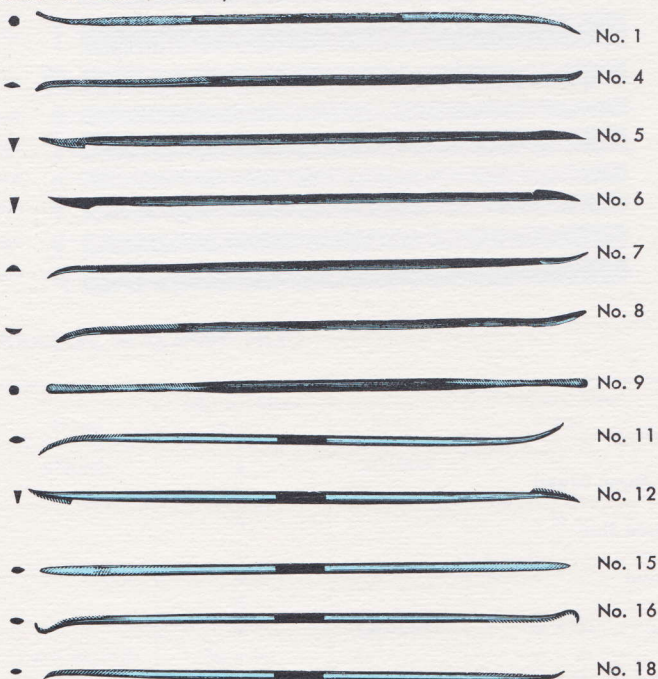
Shape	Length Inches	Approx. Size Inches	Number in Box
Flat.....	3½	1⅝ x ⅝	1 doz.
Auriform.....	3½	7/32 x 7/64	1 doz.
Oval (1 Sharp Edge).....	3½	7/32 x 7/64	1 doz.
Oval.....	3½	7/32 x 7/64	1 doz.
Half Round.....	3½	¼ x 3/32	1 doz.
Round.....	3½	⅛	1 doz.
Knife.....	3½	9/32 x 5/64 x 1/64	1 doz.
Flat (2 Round Edges) (Crochet)	3½	3/16 x 5/64	1 doz.
Flat (1 Safe Edge).....	3½	3/16 x 5/64	1 doz.
Lozenge.....	3½	13/64 x 3/32	1 doz.
Square.....	3½	⅛	1 doz.
Three Square.....	3½	13/64	1 doz.

Die Sinkers Files are designed for use by die sinkers in dressing and finishing dies of all kinds. They are made in twelve shapes as illustrated.

Assorted sets of these files are supplied.

### 6½" DIE SINKERS RIFFLERS

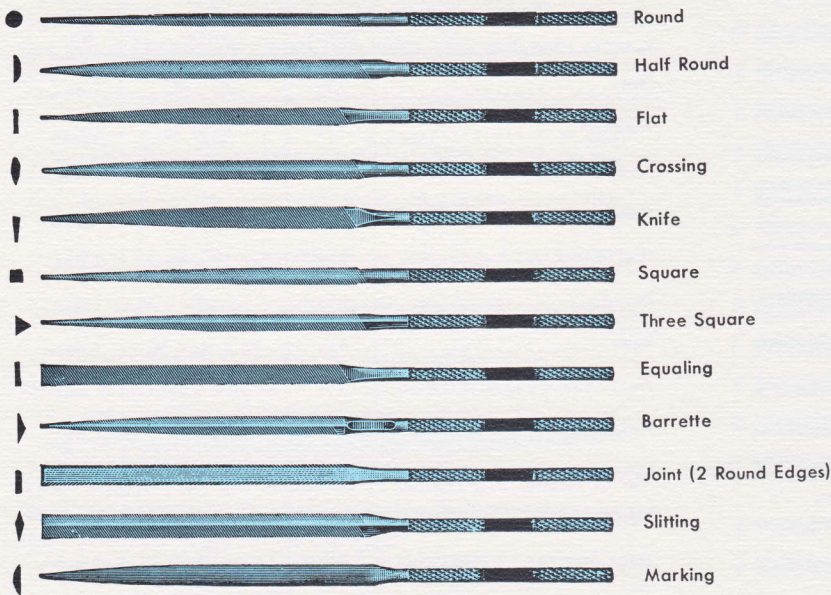
Made in Cuts Nos. 0, 2 and 4.



Die Sinkers Rifflers are made in 6½-inch length and in cuts Nos. 0, 2 and 4. Made in shapes as illustrated. Each riffler identified by number. Rifflers may be purchased in an assortment of one each of these 12 shapes or in any quantity of each shape.



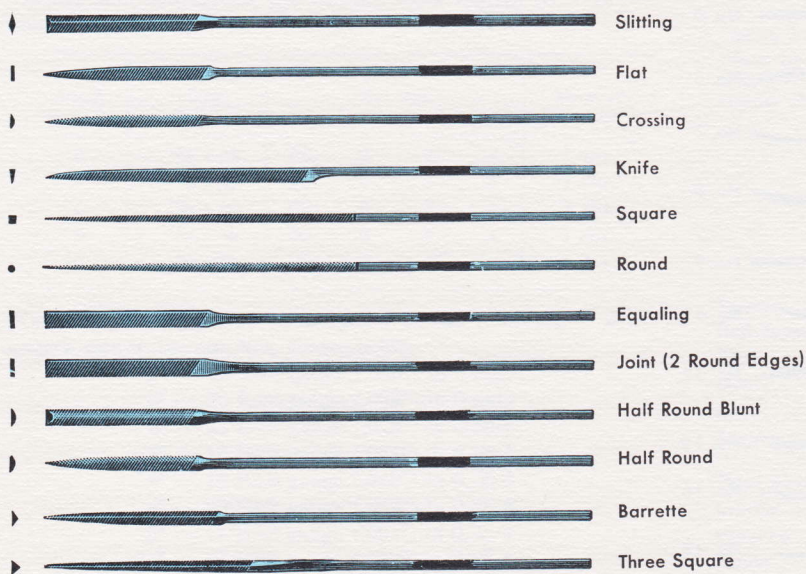
# NEEDLE FILES — ROUND HANDLE



Round Handle Needle Files are used principally by jewelers, die makers, watchmakers and fine toolmakers. They are made in twelve different shapes as illustrated. In 4-inch lengths, Oval is furnished instead of Crossing.

Length Inches	Cut Nos.				Number in Box
4	0	2	4	6	1 doz.
5½	0	2	4	6	1 doz.
6¼	0	2	4	6	1 doz.

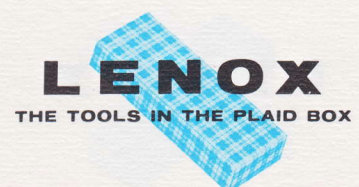
# 5½" NEEDLE FILES — SQUARE HANDLE



Square Handle Needle or Escapement Files are made especially for watch and clock makers.

They are made in twelve different shapes as illustrated, in one size only, 5½ inches over-all, and in cuts Nos. 0, 2, 4 and 6.

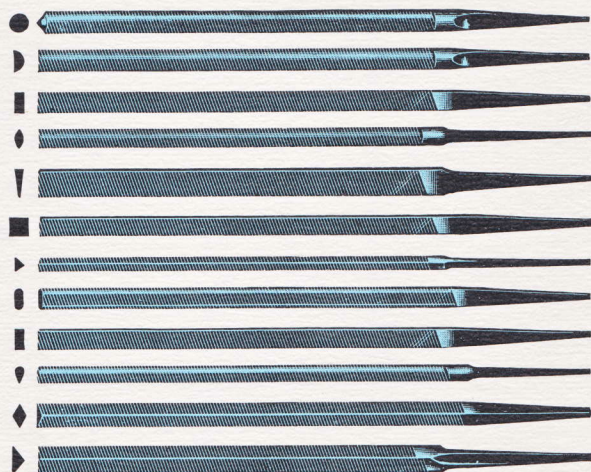
**AMERICAN SAW & MFG. COMPANY**  
SPRINGFIELD 1, MASSACHUSETTS, U. S. A.





### 5" PARALLEL MACHINE FILES

In Cuts Nos. 00 and 2

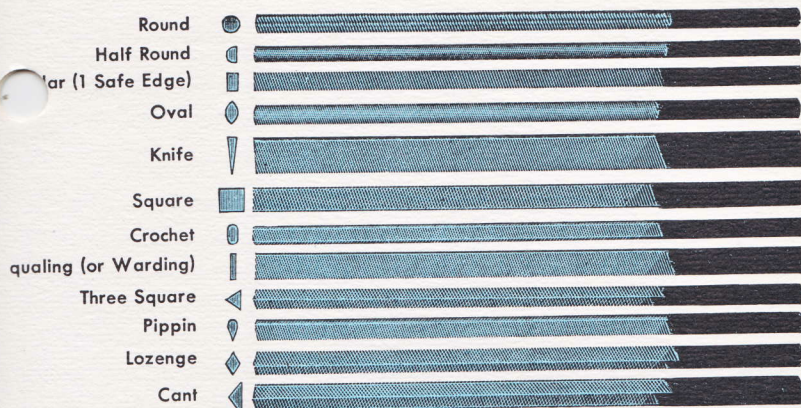


Parallel Machine Files, which are used in filing machines, come in twelve different shapes as illustrated. The files are 5 inches long, exclusive of tang, and made in cuts Nos. 00 and 2. Designed

Shape	Length Inches	Approx. Size Inches	Number in Box
Round . . . . .	5	$\frac{1}{4}$	1 doz.
Half Round . . . . .	5	$1\frac{7}{8} \times \frac{1}{8}$	1 doz.
Pillar (2 Safe Edges) . . . . .	5	$\frac{1}{4} \times \frac{1}{8}$	1 doz.
Oval . . . . .	5	$\frac{1}{4} \times \frac{5}{32}$	1 doz.
Knife . . . . .	5	$\frac{3}{8} \times \frac{3}{32}$	1 doz.
Square . . . . .	5	$\frac{1}{4}$	1 doz.
Three Square . . . . .	5	$\frac{3}{16}$	1 doz.
Crochet . . . . .	5	$\frac{1}{4} \times \frac{1}{8}$	1 doz.
Equaling . . . . .	5	$\frac{1}{4} \times \frac{1}{8}$	1 doz.
Pippin . . . . .	5	$\frac{7}{32} \times \frac{3}{32}$	1 doz.
Lozenge . . . . .	5	$\frac{9}{32} \times \frac{5}{32}$	1 doz.
Cant . . . . .	5	$1\frac{13}{32} \times \frac{5}{32}$	1 doz.

to cut in the regular manner with the cutting action taking place when the direction of the cutting stroke is towards the point and away from the tang.

### 8" PARALLEL MACHINE FILES



8-inch Parallel Machine Files are made for filing machines of the Oliver, Harvey, Butterfly, Cochrane-Bly types. There are twelve different shapes as illustrated. Files are 8 inches over-all. Cut Nos. 00 and 2. Direction of cutting stroke is towards the shank. Supplied in assortments or in any quantity of any shape and size.

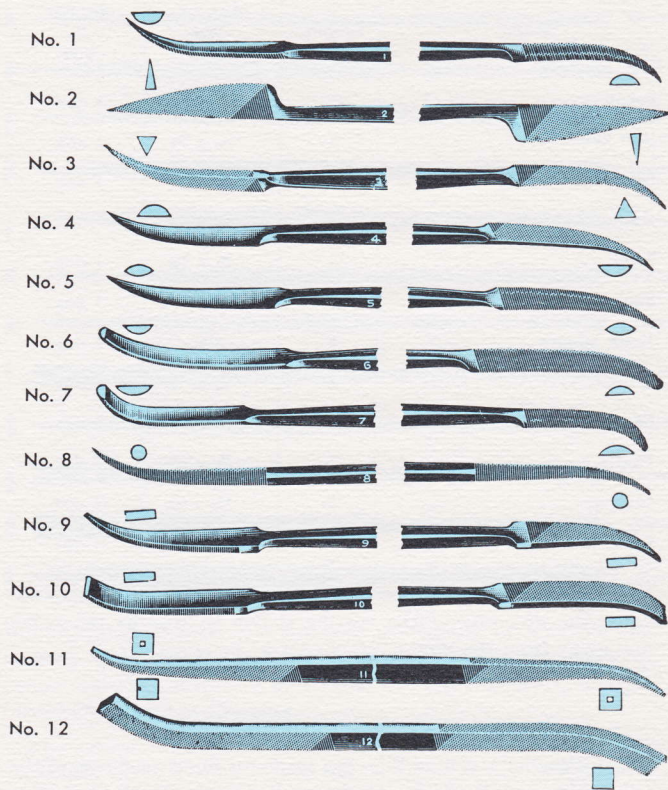
**FURNISHED IN 8-INCH OVER-ALL LENGTH  
PACKED ONE DOZEN IN BOX**

### PARALLEL MACHINE FILES

Shape	Approx. Size Inches	Shape	Approx. Size Inches	Shape	Approx. Size Inches	Shape	Approx. Size Inches
ROUND	$\frac{1}{8}$	SQUARE	$\frac{3}{16}$	PILLAR (1 Safe Edge)	$\frac{3}{16} \times \frac{3}{32}$	EQUALING	$\frac{3}{8}$
	$\frac{3}{16}$		$\frac{1}{4}$		$\frac{1}{4} \times \frac{1}{8}$		$\frac{3}{16}$
	$\frac{1}{4}$		$\frac{3}{8}$		$\frac{3}{8} \times \frac{3}{16}$		$\frac{1}{4}$
	$\frac{5}{16}$		$\frac{1}{2}$		$\frac{1}{2} \times \frac{1}{4}$		$\frac{3}{8}$
	$\frac{3}{8}$	CROCHET	$\frac{3}{16} \times \frac{3}{32}$	OVAL	$1\frac{1}{32}$	PIPPIN	$1\frac{1}{4}$
	$\frac{1}{2}$		$\frac{1}{4} \times \frac{1}{8}$		$1\frac{5}{32}$		$\frac{1}{2}$
HALF ROUND	$\frac{3}{8}$		$\frac{3}{8} \times \frac{3}{16}$			LOZENGE CANT	$\frac{1}{4}$
	$\frac{3}{16} \times \frac{3}{32}$		$\frac{1}{2} \times \frac{3}{16}$				$\frac{1}{2}$
	$\frac{1}{4} \times \frac{1}{8}$						$\frac{1}{4}$
	$\frac{3}{8} \times \frac{3}{16}$						$\frac{1}{2}$
	$\frac{1}{2} \times \frac{1}{4}$						



**7½" SILVERSMITHS RIFFLERS**



Silversmiths Rifflers are made in 7½-inch length only, in twelve shapes as illustrated. May be purchased in assortments or in any quantity of each shape.

Length Inches	Cut Nos.		Number in Box
7½	0	2	1 doz.





THE TOOLS IN THE PLAID BOX

**AMERICAN SAW & MFG. COMPANY**

SPRINGFIELD • MASSACHUSETTS • U.S.A.



**CONSUMER NET PRICES**

**LENOX FILES**

**SWISS PATTERN**

**EFFECTIVE: JULY 1, 1960**

LENOX Swiss Pattern Files provide much finer cuts than the American Pattern files.

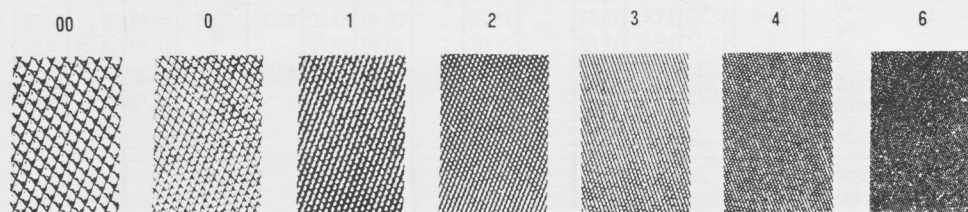
The coarseness ranges from #00 to #6. The actual coarseness of these files is illustrated below. Swiss Pattern files have different shapes than the American Pattern, they are smaller and the files that

taper have longer tapers.

They are used primarily as finishing tools and in smoothing operations where the work is small and delicate.

LENOX Swiss Pattern files are used where precision filing is required.

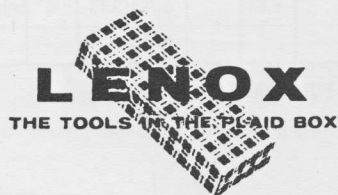
**ACTUAL COARSENESS OF SWISS PATTERN FILES**



**TERMS**

Standard Package Quantities: One dozen.

A quantity discount of 10% will be given;—on any order for 5 dozen or more Swiss Pattern files, same kind or mixed. These price columns show the net price per dozen for orders under 5 dozen. For orders of 5 dozen or over, the quantity discount has already been figured and the prices as shown apply. Discounts, net prices, terms and conditions subject to change without notice.



**AMERICAN SAW & MFG. COMPANY**  
SPRINGFIELD 1, MASSACHUSETTS, U. S. A.



# SWISS PATTERN FILES

## FORM 601

# CONSUMER NET PRICES LENOX FILES SWISS PATTERN PRICES PER DOZEN

PACKAGED:	ORDERS UNDER 5 DOZEN										ORDERS 5 DOZEN OR OVER										
		12 PER BOX					6 PER BOX						12 PER BOX					6 PER BOX			
KINDS	CUTS	3"	4"	5"	5½"	6"	8"	8"	10"	12"	CUTS	3"	4"	5"	5½"	6"	8"	8"	10"	12"	
Barrette	00-0	13.33	14.53	.....		17.47	.....	22.80	.....		00-0	12.00	13.08	.....		15.72	.....	20.52	.....		
	1	13.47	14.80	.....		18.67	.....				1	12.12	13.32	.....		16.80	.....				
	2	13.47	14.80	.....		18.67	.....	24.40	.....		2	12.12	13.32	.....		16.80	.....	21.96	.....		
	4	14.13	15.47	.....		20.27	.....	26.40	.....		4	12.72	13.92	.....		18.24	.....	23.76	.....		
Bench Filing Machine, ⅛" shank ¼" shank	00-2	(14.40—3¼" only)	.....								00-2	(12.96—3¼" only)	.....								
	00-2	(14.67—3¼" only)	.....								00-2	(13.20—3¼" only)	.....								
Broach Files	.....	7.20	.....								.....	6.48	.....								
Crochet	00-0	12.00	13.33	.....		18.13	.....	25.47	33.87	.....	00-0	10.80	12.00	.....		16.32	.....	22.92	30.48	.....	
	1			.....		19.60	.....	27.33			1			.....		17.64	.....	24.60		.....	
	2	12.67	14.40	.....		19.60	.....	27.33	36.40	.....	2	11.40	12.96	.....		17.64	.....	24.60	32.76	.....	
	4		15.87	.....		21.87	.....				4		14.28	.....		19.68	.....			.....	
Crossing	00	15.47	16.53	.....		22.40	.....	33.33			00	13.92	14.88	.....		20.16	.....	30.00		.....	
	0	15.47	16.53	.....		22.40	.....	33.33	44.27	.....	0	13.92	14.88	.....		20.16	.....	30.00	39.84	.....	
	1		18.27	.....		25.47	.....	36.40			1		16.44	.....		22.92	.....	32.76		.....	
	2	16.53	18.27	.....		25.47	.....	36.40	48.27	.....	2	14.88	16.44	.....		22.92	.....	32.76	43.44	.....	
	3	.....		.....		28.80	.....				3	.....		.....		25.92	.....			.....	
	4	18.93	21.20	.....		28.80	.....	40.67	.....		4	17.04	19.08	.....		25.92	.....	36.60		.....	
	6			.....		35.33	.....				6			.....		31.80	.....			.....	
Die Sinkers Files	0-2	(12.93—3½" only)	.....								0-2	(11.64—3½" only)	.....							.....	
Die Sinkers Riffers	0-2-4	(21.07—6½" only)	.....								0-2-4	(18.96—6½" only)	.....							.....	
Equaling	00-0	9.33	10.53	.....		12.67	.....	17.47			00-0	8.40	9.48	.....		11.40	.....	15.72		.....	
	2	10.13	11.73	.....		14.13	.....	19.20			2	9.12	10.56	.....		12.72	.....	17.28		.....	
	4	11.33	12.67	.....		16.27	.....	22.00			4	10.20	11.40	.....		14.64	.....	19.80		.....	
Half Round	00-0	12.00	13.47	15.73	.....	18.13	.....	26.40	35.20	45.33	00-0	10.80	12.12	14.16	.....	16.32	.....	23.76	31.68	40.80	
	1	13.33	15.87	18.67	.....	21.07	.....	30.00	38.27		1	12.00	14.28	16.80	.....	18.96	.....	27.00	34.44		
	2	13.33	15.87	18.67	.....	21.07	.....	30.00	38.27	48.53	2	12.00	14.28	16.80	.....	18.96	.....	27.00	34.44	43.68	
	3-4	15.73	18.27	21.33	.....	24.40	.....	33.47	44.40		3-4	14.16	16.44	19.20	.....	21.96	.....	30.12	39.96		
	6	.....			.....	30.67	.....				6	.....			.....	27.60	.....				
Half Round Ring	00-0	.....				18.13	.....				00-0	.....				16.32	.....				
	1-2	.....				21.07	.....				1-2	.....				18.96	.....				
	4	.....				24.40	.....				4	.....				21.96	.....				
Hand	00	.....	9.87	.....		12.93	.....	18.67	24.67	32.53	00	.....	8.88	.....		11.64	.....	16.80	22.20	29.28	
	0	9.87	9.87	.....		12.93	.....	18.67	24.67	32.53	0	8.88	8.88	.....		11.64	.....	16.80	22.20	29.28	
	1	.....	10.40	.....		14.40	.....	20.40	27.33		1	.....	9.36	.....		12.96	.....	18.36	24.60		
	2	10.40	10.40	.....		14.40	.....	20.40	27.33	36.40	2	9.36	9.36	.....		12.96	.....	18.36	24.60	32.76	
	3	.....	11.47	.....		16.67	.....	22.80			3	.....	10.32	.....		15.00	.....	20.52			
	4	11.47	11.47	.....		16.67	.....	22.80	30.27	40.67	4	10.32	10.32	.....		15.00	.....	20.52	27.24	36.60	
	6	.....				20.27	.....	26.13	.....		6	.....				18.24	.....	23.52	.....		
Hand Corrugating	0	.....				12.93	.....				0	.....				11.64	.....				
	2	.....				14.40	.....				2	.....				12.96	.....				
	4	.....				16.67	.....				4	.....				15.00	.....				
Joint—Round Edge, Thick or Thin Joint—Square Edge, Thick or Thin	2	.....	9.47	.....							2	.....	8.52	.....							
	2	.....	8.93	.....							2	.....	8.04	.....							
Knife	00-0	.....	12.67	.....		17.07	24.40	.....			00-0	.....	11.40	.....		15.36	21.96	.....			
	1-2	.....	14.27	.....		22.00	27.73	.....			1-2	.....	12.84	.....		19.80	24.96	.....			
	4	.....	15.87	.....		22.67	32.27	.....			4	.....	14.28	.....		20.40	29.04	.....			
Needle Files—Round Handle	0-2-4-6	.....	7.60	.....	9.73	(10.53—6¼" only)	.....				0-2-4-6	.....	6.84	.....	8.76	(9.48—6¼" only)	.....				
Needle Files—Square Handle	0-2-4-6	.....		.....	9.87	.....					0-2-4-6	.....		.....	8.88	.....					

BROKEN PACKAGES: 10% CHARGE FOR QUANTITIES LESS THAN FULL PACKAGES



AMERICAN SAW & MFG. COMPANY SPRINGFIELD 1, MASSACHUSETTS, U. S. A.



**CONSUMER NET PRICES**  
**LENOX FILES**  
**SWISS PATTERN**  
**PRICES PER DOZEN**

**SWISS PATTERN  
FILES**

**FORM 601**

PACKAGED ALL ITEMS 12 PER BOX	ORDERS UNDER 5 DOZEN			ORDERS 5 DOZEN OR OVER						
	APP. SIZE INCHES	CUTS	LENGTH	APP. SIZE INCHES	CUTS	LENGTH				
KINDS										
8" PARALLEL MACHINE FILES			8"			8"				
Parallel Machine Files—Cant	1 <sup>1</sup> / <sub>32</sub>	00-2	28.00	1 <sup>1</sup> / <sub>32</sub>	00-2	25.20				
Parallel Machine Files—Crochet	3 <sup>1</sup> / <sub>16</sub> x 3 <sup>3</sup> / <sub>32</sub>	00-2	26.53	3 <sup>1</sup> / <sub>16</sub> x 3 <sup>3</sup> / <sub>32</sub>	00-2	23.88				
	1 <sup>1</sup> / <sub>4</sub> x 1 <sup>1</sup> / <sub>8</sub>	00-2	26.53	1 <sup>1</sup> / <sub>4</sub> x 1 <sup>1</sup> / <sub>8</sub>	00-2	23.88				
	3 <sup>3</sup> / <sub>8</sub> x 3 <sup>1</sup> / <sub>16</sub>	00-2	27.33	3 <sup>3</sup> / <sub>8</sub> x 3 <sup>1</sup> / <sub>16</sub>	00-2	24.60				
	1 <sup>1</sup> / <sub>2</sub> x 3 <sup>1</sup> / <sub>16</sub>	00-2	29.20	1 <sup>1</sup> / <sub>2</sub> x 3 <sup>1</sup> / <sub>16</sub>	00-2	26.28				
Parallel Machine Files—Equaling	3 <sup>3</sup> / <sub>8</sub>	00-2	19.07	3 <sup>3</sup> / <sub>8</sub>	00-2	17.16				
Parallel Machine Files—Half Round	3 <sup>1</sup> / <sub>16</sub> x 3 <sup>3</sup> / <sub>32</sub>	00-2	23.33	3 <sup>1</sup> / <sub>16</sub> x 3 <sup>3</sup> / <sub>32</sub>	00-2	21.00				
	1 <sup>1</sup> / <sub>4</sub> x 1 <sup>1</sup> / <sub>8</sub>	00-2	24.27	1 <sup>1</sup> / <sub>4</sub> x 1 <sup>1</sup> / <sub>8</sub>	00-2	21.84				
	3 <sup>3</sup> / <sub>8</sub> x 3 <sup>1</sup> / <sub>16</sub>	00-2	24.67	3 <sup>3</sup> / <sub>8</sub> x 3 <sup>1</sup> / <sub>16</sub>	00-2	22.20				
	1 <sup>1</sup> / <sub>2</sub> x 1 <sup>1</sup> / <sub>4</sub>	00-2	27.07	1 <sup>1</sup> / <sub>2</sub> x 1 <sup>1</sup> / <sub>4</sub>	00-2	24.36				
Parallel Machine Files—Knife	1 <sup>5</sup> / <sub>32</sub>	00-2	26.53	1 <sup>5</sup> / <sub>32</sub>	00-2	23.88				
Parallel Machine Files—Lozenge	1 <sup>1</sup> / <sub>32</sub>	00-2	32.53	1 <sup>1</sup> / <sub>32</sub>	00-2	29.28				
Parallel Machine Files—Oval	1 <sup>1</sup> / <sub>32</sub>	00-2	29.60	1 <sup>1</sup> / <sub>32</sub>	00-2	26.64				
Parallel Machine Files—Pillar	3 <sup>1</sup> / <sub>16</sub> x 3 <sup>3</sup> / <sub>32</sub>	00-2	17.33	3 <sup>1</sup> / <sub>16</sub> x 3 <sup>3</sup> / <sub>32</sub>	00-2	15.60				
	1 <sup>1</sup> / <sub>4</sub> x 1 <sup>1</sup> / <sub>8</sub>	00-2	18.13	1 <sup>1</sup> / <sub>4</sub> x 1 <sup>1</sup> / <sub>8</sub>	00-2	16.32				
	3 <sup>3</sup> / <sub>8</sub> x 3 <sup>1</sup> / <sub>16</sub>	00-2	19.20	3 <sup>3</sup> / <sub>8</sub> x 3 <sup>1</sup> / <sub>16</sub>	00-2	17.28				
	1 <sup>1</sup> / <sub>2</sub> x 1 <sup>1</sup> / <sub>4</sub>	00-2	20.67	1 <sup>1</sup> / <sub>2</sub> x 1 <sup>1</sup> / <sub>4</sub>	00-2	18.60				
Parallel Machine Files—Pippin	1 <sup>9</sup> / <sub>64</sub>	00-2	29.60	1 <sup>9</sup> / <sub>64</sub>	00-2	26.64				
Parallel Machine Files—Round	1 <sup>1</sup> / <sub>8</sub>	00-2	16.00	1 <sup>1</sup> / <sub>8</sub>	00-2	14.40				
	3 <sup>1</sup> / <sub>16</sub>	00-2	16.00	3 <sup>1</sup> / <sub>16</sub>	00-2	14.40				
	1 <sup>1</sup> / <sub>4</sub>	00-2	16.53	1 <sup>1</sup> / <sub>4</sub>	00-2	14.88				
	5 <sup>1</sup> / <sub>16</sub>	00-2	17.33	5 <sup>1</sup> / <sub>16</sub>	00-2	15.60				
	3 <sup>3</sup> / <sub>8</sub>	00-2	19.07	3 <sup>3</sup> / <sub>8</sub>	00-2	17.16				
	1 <sup>1</sup> / <sub>2</sub>	00-2	22.80	1 <sup>1</sup> / <sub>2</sub>	00-2	20.52				
	5 <sup>3</sup> / <sub>8</sub>	00-2	25.07	5 <sup>3</sup> / <sub>8</sub>	00-2	22.56				
Parallel Machine Files—Square	3 <sup>1</sup> / <sub>16</sub>	00-2	22.40	3 <sup>1</sup> / <sub>16</sub>	00-2	20.16				
	1 <sup>1</sup> / <sub>4</sub>	00-2	22.80	1 <sup>1</sup> / <sub>4</sub>	00-2	20.52				
	3 <sup>3</sup> / <sub>8</sub>	00-2	23.73	3 <sup>3</sup> / <sub>8</sub>	00-2	21.36				
	1 <sup>1</sup> / <sub>2</sub>	00-2	26.53	1 <sup>1</sup> / <sub>2</sub>	00-2	23.88				
Parallel Machine Files—Three Square	3 <sup>1</sup> / <sub>16</sub>	00-2	22.40	3 <sup>1</sup> / <sub>16</sub>	00-2	20.16				
	1 <sup>1</sup> / <sub>4</sub>	00-2	22.80	1 <sup>1</sup> / <sub>4</sub>	00-2	20.52				
	3 <sup>3</sup> / <sub>8</sub>	00-2	25.33	3 <sup>3</sup> / <sub>8</sub>	00-2	22.80				
	1 <sup>1</sup> / <sub>2</sub>	00-2	26.53	1 <sup>1</sup> / <sub>2</sub>	00-2	23.88				
Parallel Machine Files—Assortments	Large	00-2	25.33	Large	00-2	22.92				
	Small	00-2	24.40	Small	00-2	22.08				
5" PARALLEL MACHINE FILES		CUTS	5"		CUTS	5"				
Parallel Machine Files—5" length	....	00-2	21.07	....	00-2	18.96				
SPECIAL PARALLEL MACHINE FILES	CUTS	4"	5"	6"	8"	CUTS	4"	5"	6"	8"
Parallel Machine Files—Special (Tension)	1	18.40	23.33	25.33	31.60	1	16.56	21.00	22.80	28.44
	3	21.60	26.27	28.93	36.00	3	19.44	23.64	26.04	32.40
	1 (#501)	....	27.47	....	....	1 (#501)	....	24.72	....	....
	1 (#502)	....	28.00	....	....	1 (#502)	....	25.20	....	....
	1 (#503)	....	....	32.53	....	1 (#503)	....	....	29.28	....
	1 (#504)	....	....	33.33	....	1 (#504)	....	....	30.00	....

**BROKEN PACKAGES: 10% CHARGE FOR QUANTITIES LESS THAN FULL PACKAGES**



**AMERICAN SAW & MFG. COMPANY**    SPRINGFIELD 1, MASSACHUSETTS, U. S. A.



# CONSUMER NET PRICES

## LENOX FILES

### SWISS PATTERN PRICES PER DOZEN

PACKAGED:	ORDERS UNDER 5 DOZEN											ORDERS 5 DOZEN OR OVER												
	12 PER BOX								6 PER BOX			12 PER BOX								6 PER BOX				
KINDS	CUTS	3"	4"	5"	6"	8"	10"	12"	8"	10"	12"	CUTS	3"	4"	5"	6"	8"	10"	12"	8"	10"	12"		
Pillar	00-0	8.93	8.93	.....	10.13	.....	.....	.....	13.87	19.20	26.13	00-0	8.04	8.04	.....	9.12	.....	.....	.....	12.48	17.28	23.52		
	1	.....	8.93	.....	10.67	.....	.....	.....	15.07	20.40	28.40	1	.....	8.04	.....	9.60	.....	.....	.....	13.56	18.36	25.56		
	2	8.93	8.93	.....	10.67	.....	.....	.....	15.07	20.40	28.40	2	8.04	8.04	.....	9.60	.....	.....	.....	13.56	18.36	25.56		
	3	10.13	10.13	.....	12.40	.....	.....	.....	17.20	.....	.....	3	9.12	9.12	.....	11.16	.....	.....	.....	15.48	.....	.....		
	4	10.13	10.13	.....	12.40	.....	.....	.....	17.20	24.40	.....	4	9.12	9.12	.....	11.16	.....	.....	.....	15.48	21.96	.....		
	6	.....	12.40	.....	.....	.....	.....	.....	.....	.....	.....	6	.....	11.16	.....	.....	.....	.....	.....	.....	.....	.....		
Pillar Narrow	00	.....	8.93	.....	10.13	.....	.....	.....	13.87	19.20	26.13	00	.....	8.04	.....	9.12	.....	.....	.....	12.48	17.28	23.52		
	0	8.93	8.93	.....	10.13	.....	.....	.....	13.87	19.20	26.13	0	8.04	8.04	.....	9.12	.....	.....	.....	12.48	17.28	23.52		
	1	8.93	8.93	.....	10.67	.....	.....	.....	15.07	20.40	.....	1	8.04	8.04	.....	9.60	.....	.....	.....	13.56	18.36	.....		
	2	8.93	8.93	.....	10.67	.....	.....	.....	15.07	20.40	28.40	2	8.04	8.04	.....	9.60	.....	.....	.....	13.56	18.36	25.56		
	3	.....	10.13	.....	12.40	.....	.....	.....	17.20	.....	.....	3	.....	9.12	.....	11.16	.....	.....	.....	15.48	.....	.....		
	4	10.13	10.13	.....	12.40	.....	.....	.....	17.20	24.40	.....	4	9.12	9.12	.....	11.16	.....	.....	.....	15.48	21.96	.....		
6	12.40	12.40	.....	15.47	.....	.....	.....	.....	.....	.....	6	11.16	11.16	.....	13.92	.....	.....	.....	.....	.....	.....			
Pillar Extra Narroq	00-0	8.93	8.93	.....	10.13	13.87	19.20	26.13	.....	.....	.....	00-0	8.04	8.04	.....	9.12	12.48	17.28	23.52	.....	.....	.....		
	1	8.93	8.93	.....	10.67	15.07	20.40	.....	.....	.....	.....	1	8.04	8.04	.....	9.60	13.56	18.36	.....	.....	.....			
	2	8.93	8.93	.....	10.67	15.07	20.40	28.40	.....	.....	.....	2	8.04	8.04	.....	9.60	13.56	18.36	25.56	.....	.....			
	3	10.13	10.13	.....	12.40	17.20	.....	.....	.....	.....	.....	3	9.12	9.12	.....	11.16	15.48	.....	.....	.....	.....			
	4	10.13	10.13	.....	12.40	17.20	24.40	.....	.....	.....	.....	4	9.12	9.12	.....	11.16	15.48	21.96	.....	.....	.....			
	6	12.40	12.40	.....	15.47	.....	.....	.....	.....	.....	.....	6	11.16	11.16	.....	13.92	.....	.....	.....	.....	.....	.....		
Pillar Testing	0	.....	.....	.....	12.27	.....	.....	.....	.....	.....	.....	0	.....	.....	.....	11.04	.....	.....	.....	.....	.....	.....		
	1	.....	.....	.....	13.33	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	12.00	.....	.....	.....	.....	.....	.....		
Pillar Narrow Testing	0	.....	.....	.....	.....	.....	.....	.....	16.80	.....	.....	0	.....	.....	.....	.....	.....	.....	.....	15.12	.....	.....		
	1	.....	.....	.....	.....	.....	.....	.....	18.13	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	16.32	.....	.....		
Pippin	00-0	.....	16.67	.....	22.67	30.67	.....	.....	.....	.....	.....	00-0	.....	15.00	.....	20.40	27.60	.....	.....	.....	.....	.....		
	2	.....	18.00	.....	24.67	32.53	.....	.....	.....	.....	.....	2	.....	16.20	.....	22.20	29.28	.....	.....	.....	.....	.....		
Round	00-0	7.60	8.40	9.07	10.53	15.47	20.67	26.40	.....	.....	.....	00-0	6.84	7.56	8.16	9.48	13.92	18.60	23.76	.....	.....	.....		
	1	8.13	8.93	9.87	11.73	16.53	22.80	.....	.....	.....	.....	1	7.32	8.04	8.88	10.56	14.88	20.52	.....	.....	.....			
	2	8.13	8.93	9.87	11.73	16.53	22.80	30.00	.....	.....	.....	2	7.32	8.04	8.88	10.56	14.88	20.52	27.00	.....	.....			
	3	8.80	9.60	10.53	12.67	17.47	.....	.....	.....	.....	.....	3	7.92	8.64	9.48	11.40	15.72	.....	.....	.....	.....			
	4	8.80	9.60	10.53	12.67	17.47	25.47	.....	.....	.....	.....	4	7.92	8.64	9.48	11.40	15.72	22.92	.....	.....	.....			
	6	9.60	10.53	.....	13.87	.....	.....	.....	.....	.....	.....	6	8.64	9.48	.....	12.48	.....	.....	.....	.....	.....	.....		
Round Straight	00-0	.....	8.40	.....	11.33	17.73	.....	.....	.....	.....	.....	00-0	.....	7.56	.....	10.20	15.96	.....	.....	.....	.....	.....		
	2	.....	8.93	.....	12.67	19.60	.....	.....	.....	.....	.....	2	.....	8.04	.....	11.40	17.64	.....	.....	.....	.....	.....		
	4	.....	9.60	.....	14.40	21.87	.....	.....	.....	.....	.....	4	.....	8.64	.....	12.96	19.68	.....	.....	.....	.....	.....		
Screw Head—Plain or Tanged	.....	14.27	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12.84	.....	.....	.....	.....	.....	.....	.....	.....	.....		
Silversmiths Rifflers	0-2	(28.53—7½" only)								.....	.....	.....	0-2	.....	.....	.....	(25.68—7½" only)						.....	.....
Slitting	0	.....	14.80	.....	23.20	.....	.....	.....	.....	.....	.....	0	.....	13.32	.....	20.88	.....	.....	.....	.....	.....	.....		
	2	.....	17.47	.....	26.40	.....	.....	.....	.....	.....	.....	2	.....	15.72	.....	23.76	.....	.....	.....	.....	.....	.....		
Square	00	.....	10.13	.....	13.33	15.87	19.60	.....	.....	.....	.....	00	.....	9.12	.....	12.00	14.28	17.64	.....	.....	.....	.....		
	0	9.07	10.13	.....	13.33	15.87	19.60	.....	.....	.....	.....	0	8.16	9.12	.....	12.00	14.28	17.64	.....	.....	.....	.....		
	1	.....	10.53	.....	14.40	18.13	.....	.....	.....	.....	.....	1	.....	9.48	.....	12.96	16.32	.....	.....	.....	.....	.....		
	2	9.20	10.53	.....	14.40	18.13	23.87	.....	.....	.....	.....	2	8.28	9.48	.....	12.96	16.32	21.48	.....	.....	.....	.....		
	3	9.60	11.73	.....	16.53	.....	.....	.....	.....	.....	.....	3	8.64	10.56	.....	14.88	.....	.....	.....	.....	.....	.....		
	4	9.60	11.73	.....	16.53	22.13	28.53	.....	.....	.....	.....	4	8.64	10.56	.....	14.88	19.92	25.68	.....	.....	.....	.....		
Three Square	00	.....	10.40	.....	12.67	.....	.....	.....	16.53	22.13	.....	00	.....	9.36	.....	11.40	.....	.....	.....	14.88	19.92	.....		
	0	10.40	10.40	.....	12.67	.....	.....	.....	16.53	22.13	.....	0	9.36	9.36	.....	11.40	.....	.....	.....	14.88	19.92	.....		
	1	11.33	11.33	.....	13.87	.....	.....	.....	18.13	.....	.....	1	10.20	10.20	.....	12.48	.....	.....	.....	16.32	.....	.....		
	2	11.33	11.33	.....	13.87	.....	.....	.....	18.13	24.13	.....	2	10.20	10.20	.....	12.48	.....	.....	.....	16.32	21.72	.....		
	3	.....	12.00	.....	15.73	.....	.....	.....	.....	.....	.....	3	.....	10.80	.....	14.16	.....	.....	.....	.....	.....	.....		
	4	12.00	12.00	.....	15.73	.....	.....	.....	20.27	27.33	.....	4	10.80	10.80	.....	14.16	.....	.....	.....	18.24	24.60	.....		
Warding	0-00	8.13	9.33	.....	13.47	18.13	23.87	.....	.....	.....	.....	0-00	7.32	8.40	.....	12.12	16.32	21.48	.....	.....	.....	.....		
	2	8.93	10.53	.....	15.33	20.00	27.47	.....	.....	.....	.....	2	8.04	9.48	.....	13.80	18.00	24.72	.....	.....	.....	.....		
	4	9.60	12.00	.....	17.73	23.47	.....	.....	.....	.....	.....	4	8.64	10.80	.....	15.96	21.12	.....	.....	.....	.....	.....		

**BROKEN PACKAGES: 10% CHARGE FOR QUANTITIES LESS THAN FULL PACKAGES**



**AMERICAN SAW & MFG. COMPANY** SPRINGFIELD 1, MASSACHUSETTS, U. S. A.